Title (en)
A METHOD FOR REDUCING SUPPRESSOR NOISE

Title (de)
VERFAHREN ZUR REDUZIERUNG DES SUPPRESSORRAUSCHENS

Title (fr)
PROCÉDÉ DE RÉDUCTION DE BRUIT DE SUPPRESSEUR

Publication
EP 3177915 A1 20170614 (EN)

Application
EP 15753557 A 20150807

Priority
• US 201414455710 A 20140808
• US 2015044158 W 20150807

Abstract (en)
[origin: WO2016022889A1] An electrolytic method for suppressing liquid eluent containing previously separated sample analyte anions, counterions to the sample anions, and non-sample anions suppressible to weak acids in an electrolytic device comprising a housing defining at least a sample stream flow channel and an ion receiving flow-through channel separated by an ion exchange barrier. The sample stream flow channel includes an upstream channel portion and a downstream channel portion. A first current is applied across the upstream channel portion for substantially completely suppression. A second current is applied across the downstream channel portion at a magnitude of less than 10% of the magnitude of the first current.

IPC 8 full level
G01N 30/96 (2006.01)

CPC (source: CN EP KR US)
B01D 15/361 (2013.01 - CN EP KR US); **G01N 30/96** (2013.01 - CN EP KR US); G01N 2030/965 (2013.01 - CN EP KR US)

Citation (search report)
See references of WO 2016022889A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2016022889 A1 20160211; CN 106574916 A 20170419; CN 106574916 B 20181214; EP 3177915 A1 20170614; EP 3177915 B1 20181212; JP 2017524147 A 20170824; JP 6523456 B2 20190529; KR 101957363 B1 20190619; KR 20170029572 A 20170315; US 2016041133 A1 20160211; US 9400268 B2 20160726

DOCDB simple family (application)
US 2015044158 W 20150807; CN 201580042322 A 20150807; EP 15753557 A 20150807; JP 2017527535 A 20150807; KR 20177003515 A 20150807; US 201414455710 A 20140808